

**Amendments to the Specification:**

Page 1, paragraph [0003], the paragraph beginning with "Prior art has recognized" insert the following title and paragraph:

-- [0003] Prior art has recognized the advantages of electronically implemented functions in a motor vehicle fuel tank, such as measuring ~~carbohydate~~ hydrocarbon fuel levels. However, the present inventor has experienced that in such environment many electronic circuits will have problems regarding the expected duration of their functional life. In particular, ~~carbohydate~~ hydrocarbon fuel or vapours may enter the IC chips and seriously endanger the passivation thereof. It has therefore appeared a problem to provide for the straightforward implementation of electronic devices inside the fuel tank.--

Page 3, paragraph [0015], the paragraph beginning with "FIG. 2 illustrates" insert the following title and paragraph:

-- [0015] FIG. 2 illustrates a first cross-sectional view of such electronic circuit arrangement directed according to the arrow A in FIG. 1. As shown, various electronic modules 20 are arranged on a substrate 22 made from ceramic or another suitable material. Such modules may incorporate passive electronic modules, active electronic chips, magnetically driven chips, such as those that are based on the Hall-effect, chips that operate on the basis of ultrasound for measuring a fuel level, and other. In particular, such physics-based measuring technologies have been found advantageous in use. The cap 26 is fixated to ceramic substrate 22 for creating a fully tight encapsulation space where no ~~carbohydate~~ hydrocarbon fuel or vapour could enter from outside. Also located on ceramic substrate 22 are interconnection facilities 24 for interconnecting the various electronic modules. Such interconnection facilities may comprise printed wire

disposed on the ceramic substrate, or a separate layer that may comprise aluminum interconnect or other interconnection technologies that would be known to persons skilled in the art. --

Page 3, paragraph [0016], the paragraph beginning with "FIG. 3 illustrates" insert the following title and paragraph:

-- [0016] FIG. 3 illustrates a second cross-sectional view of such electronic circuit arrangement according to the arrow B in FIG. 1. As shown, cap 26 is soldered to ceramic substrate 22 for creating a fully tight encapsulation space where no ~~carbohydrate~~ hydrocarbon fuel or vapour could enter from outside. --